Construction on Autonomous Learning Platform for College English Based on Network

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Keywords: Network; college English; autonomous learning; platform construction; optimization strategy

Abstract. With the rapid development of information technology, the network has become an important teaching aids, and innovative teaching mode of college English. This article studies the construction of English autonomous learning platform. First, discussed the theoretical basis that needed by building autonomous learning platform for college English; Secondly, the relevant theoretical principles as a basis for the overall platform architecture, including learning tools, learning resources, exchange platform, test and evaluation platform and so on; Finally, proposed optimization strategy on the basis of the characteristics summarized platform and deficiencies. Use of network information technology to build college English autonomous learning platform provide students with a wealth of English resources, so studying the construction of English autonomous learning platform based on network has great significance.

Introduction

With the application of network technology, the network has become another way to acquire knowledge, and has been introduced to the current college English teaching, innovative English teaching. Network not only provides learners with a large-scale, personalized, highly participatory teaching content, And make learners unlimited by time and place, to learn anytime and anywhere, and it can get help and communicate in time, quickly collect information, simultaneously, providing the possibility to carry out web-based teaching, particularly as an extension and complement for traditional computer accessing to the Internet provides a broader space for web-based teaching development. Teachers can use the Internet to establish learning platform for interacting with students, this interactive learning environment is conducive to stimulate learners' interest in learning, thereby enhancing learning. In short, the development of modern technology for teaching reform provides technical support.

Autonomous learning model depends on the implementation of autonomous learning platform, The platform make network technology and multimedia technology integrate in the teaching process, achieved the transition from the traditional teacher-based teaching model to teach the student to self-teaching model based network, make full use of modern teaching methods and a variety of teaching resources to create autonomous learning environment for students under the guidance of teachers [1]. Contemporary college students generally lack of the self-awareness and the ability of self-monitoring learning, and therefore to carry out autonomous learning helps to improve independently learning ability and "learning to learn" the ability for learners, and this ability is precisely the basis of demands of the information age and lifelong education. The survey found that studying the construction of English autonomous learning platform for college students is not enough common, therefore, researching to the construction of autonomous learning platform for college English based on network not only has practical significance, but also has instructive significance.
Theoretical Basis

As learning courses on the autonomous learning platform based on network is designed based on constructivist learning theory, constructivism is also known as structuralism, is an important branch of cognitive theory, learning theory of constructivism mainly emphasis three points as follows: (1) learning is the process of learners actively construct knowledge; (2) learners construct understanding of things by the way of their self [2]; (3) learning should be an interactive process of exchange and cooperation, so we carry out autonomous learning mode emphasizing that the acquisition of knowledge is the cognitive subject to actively construct rather than passive acceptance [3]. Its guiding performance include: (1) in autonomous learning for college English, students are learning-based, supplemented by teacher-led; (2) to enrich students' extensible learning resource; (3) to respect the students’ existing knowledge structures; (4) to create real and pleasant learning environment for college English.

In this learning process, student is the cognitive subject, is the subject of processing learning contents, and is active constructors of knowledge significance. This model emphasizes that the student must from passive recipients of external stimuli and instill object of knowledge transformed into the subject of information processing and active constructors of knowledge significance, can allow students to form the recognize of objective things and the program of solving problems based on feedback of their own actions, at the seam time, also requires teachers from knowledge importer and inculcator transformed into the assistor and facilitator of students who take the initiative to construct meaning. The teacher's role is monitoring, organization and evaluation, knowledge offered by teaching materials is no longer the content teaching by teachers, is the object of students actively construct meaning, multimedia learning platform is used to create real-life situation of teaching, conducive to carry out cooperative learning and tool of conversation communication [4]. Establishment of such a learning environment and approach is consistent with the learner to carry out "discovery" and "inquiry" learning requirements, for students to develop language skills and innovative thinking ability has great significance in promoting.

Autonomous learning refers to that the learner actively use and regulate metacognitive, learning motivation and learning behavior, autonomous selecting progress, learning content, learning methods and so on, to learn anytime and anywhere. Its biggest feature is the personalization the learning, including the personalization of learning content, the personalization of learning method, the personalization of learning style, the personalization of learning evaluation, etc. [5].

Platform Construction

College English autonomous learning platform based on network provides a good learning environment and a wealth of teaching resources for English autonomous learning, also provides a great convenience for college English teaching job. Platform takes full advantage of network teaching resources and teachers’ teaching resources, breaks the time and geographical constraints, and achieves exchange and communication between teachers and students in time, promotes students’ interest in learning, and achieves autonomous learning for students.

A well-functioning of college English autonomous learning platform based on network should include three modules: the student module, teacher module and backstage support, through communication of information and effective passing of instructions among students, teachers and administrators, to achieve personalized learning, to manage English resource on the platform, so that the students' self-learning optimized. At the seam time, follow the following principles: educational principles and can support a variety of learning modes, scalability principle; the principle of interactive, the principle of that interface is amicable and easy to maintain [6]. In the analysis of the strengths and deficiencies of the existing network learning platform for college English, to construct the overall framework of college English autonomous learning platform, the platform includes student module, online test module, course modules, auxiliary tool and AC module. Student module is mainly some basic information of students, as well as the student's work demonstrates and download of the resources; online testing is some questions provided by platform
and some practice of simulated test; course modules is mainly some of subject involved in English and some appreciation of foreign poetic prose; auxiliary tool is that students need to use some assistance in the autonomous learning, such as English-Chinese dictionary, asking the teacher for help and so on; AC module that is used in communicating and collaborating between universities and students, students and teachers, students and administrators, teachers and administrators. Specific framework is shown in Fig. 1. The logical structure of platform is shown in Fig. 2.

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**Platform Optimization Strategy**

English autonomous learning platform based on network provides an open learning platform and more authenticity, and cultivate the ability of autonomous learning, brings more possible for teachers teaching, integrates a wide range of English resources [7]. However, due to the vast resources, the construction of platform meets the needs of students and requirements of faculty, so there are still many perfect parts, and then proposed optimization strategy.

(1) For the teachers themselves, they should play their strengths, so that the autonomous English learning platform under network environment can accommodate a wealth of teaching resources. Differences of Human’ thought and thinking leads to teachers teaching resources published on the platform are also different, so teachers should be updated English resource on the platform in time, including courseware, lesson plans and other contents, brainstorming, so that students can have more choices in the process of autonomous learning, especially in the test database, teachers should make the direction of questions more diversified, more personalized, in this way, the quality of
questions is not only improved, but also stimulates students' learning motivation and learning interest [8].

(2) For the schools, the schools should strengthen cooperation with schools, plays the role of mutual benefit between such schools, meanwhile increasing the diversity of English resources on the platform, and more importantly, it can enrich the students' knowledge range, open up their horizons; should also strengthen cooperation with publishers, making those high gold content of teaching resources publish to the platform by legal means, including some simulations examination questions issued by publishers, so that students can scan and download, extended the range of knowledge in the autonomous learning for students.

Conclusion

Autonomous learning platform for college English is centered on knowledge, ability tests as a means, autonomous learning-based, supplemented by teaching, provides autonomous learning platform included of teaching, learning, training, examination and other functions, provides a rich and targeted learning resources for autonomous inquiry learning, has a very good support for autonomous learning [10]. Using of the network environment to develop autonomous English learning platform is a new teaching model, needs to closely cooperate between teachers and students, in the constant practice to perfect. This is a challenge to the existing teaching methods, teaching ideas and teaching methods; English autonomous learning platform not only vigorously promote the pace of teaching reform, but also has far-reaching significance for English learning of college students.

Acknowledgement

This work is supported by tertiary technical and vocational education research association of China (GZYLX1213241), "Twelfth Five Year Plan" of college foreign language teaching reform project of higher education academy of Liaoning province (WYYB13160).

References


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